

APENDIX A

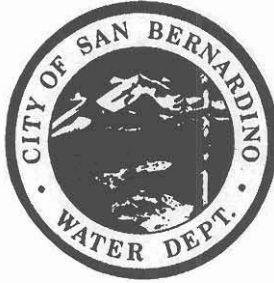
DHS MONTHLY TREATMENT REPORT(S)

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

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Safety Program Manager

December 22, 2005

Ms. Yen Tran
Sanitary Engineer
State Department of Health Services
Drinking Water Field Operator Branch
464 W. 4th Street, Suite 437
San Bernardino, CA 92401

**RE: NOVEMBER 2005 MONTHLY SUMMARY TREATMENT REPORTS FOR SYSTEM
NO. 3610039, WATER SUPPLY PERMIT NO. 03-13-99P-002**

Dear Ms. Tran:

Enclosed are the monthly summary reports for each Granular Activated Carbon and Packed Tower Aeration facility. The required information is provided in two separate report formats: Information on well production, plant influent and effluent water flow and amount of contaminant removed are covered in the November 2005 Operations Monthly Treatment Reports. Information on bacterial results and constituents of concern for each of the wells and treatment plants for the month of November 2005 is presented in the attached Water Quality Reports, Newmark OU/Towers/19th Street GAC.

It is my understanding the energy consumed for each is no longer of interest to DHS and is not required in the monthly reports.

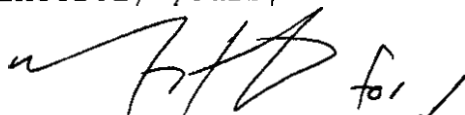
300 North "D" Street, San Bernardino, California 92418 P.O. Box 710, 92402 Phone: (909) 384-5141

FACSIMILE NUMBERS Administration: (909) 384-5215 Engineering: (909) 384-5532 Customer Service: (909) 384-7211
Corporate Yards: (909) 384-5260 Water Reclamation Plant: (909) 384-5258

Ms. Yen Tran
Page 2
December 22, 2005

Please contact me at (909) 384-5107 if additional information or modifications to the formats of the reports are desired.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'W. Bryden', with a stylized flourish at the end.

W. William Bryden, P.E.
Director, Water Utility

WWB:tal
Attach.

cc: Kim Hoang, Ph.D. (w/attach)
Stacey R. Aldstadt (w/attach)
Robin Ohama (w/attach)
Mike Lowe (w/attach)
Matthew Litchfield (w/attach)
Valerie Housel (w/attach)
Pat Abeyta (w/attach)
Lana Kennerly (w/attach)

San Bernardino Municipal Water Department
Operations Monthly Treatment Report
Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Nov 2005

EPA 17th Street Plant					
Production GAC Wells					
EPA 003	200.145 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	1.295	757.677	1B	60.425	60.425
2A	1.191	722.434	2B	59.240	59.240
3A	1.322	748.903	3B	68.159	68.159
Totals	3.808 AF	2229.014 AF		187.824 AF	187.824 AF
Vessels					
TCE-In	0.9				
TCE-Out	0.0				
PCE-In	3.8				
PCE-Out	0.0				
Total	4.7 ug/L	lbs Removed	2.45		

EPA South Plant and Waterman Towers								
Production GAC Wells		Tower Wells		Wells		Towers		
		Waterman		7.870	TCE+PCE-In	5.9	TCE+PCE-Out	0.0
		30th St.		7.165	TCE+PCE-In	5.9	TCE+PCE-Out	0.0
		South Tower Total		15.035 AF				
		Leroy		4.277	TCE+PCE-In	5.9	TCE+PCE-Out	0.0
EPA 002	199.764	31st St.		0.640	TCE+PCE-In	5.9	TCE+PCE-Out	0.0
EPA 004	206.605							
EPA 005	205.333							
Total		611.702 AF	North Tower Total		4.917 AF			
GAC Treatment								
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out			
1A	77.465	437.697	1B	0.000	1015.341			
2A	64.672	400.037	2B	0.000	1012.581			
3A	76.910	427.631	3B	0.000	994.248			
4A	78.381	438.096	4B	0.000	1030.361			
5A	75.762	419.780	5B	0.000	989.723			
6A	71.081	248.544	6B	0.000	1033.084			
7A	77.964	414.464	7B	0.000	1046.111			
8A	92.527	483.848	8B	0.000	1198.688			
Totals		614.762 AF	3270.097 AF		0.000 AF		8320.137 AF	
Vessels				Towers				
TCE-In	0.7			#'s Removed Waterman		0.13		
TCE-Out	0.0			#'s Removed 30th St		0.11		
PCE-In	2.3			#'s Removed Leroy		0.07		
PCE-Out	0.0			#'s Removed 31st St		0.01		
Total		3.0 ug/L	lbs Removed	5.01	Total pounds Removed Tower		0.32	

San Bernardino Municipal Water Department
Operations Monthly Treatment Report
Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Nov 2005

EPA North Plant and Newmark Towers					
Production GAC Wells		Tower Wells			
EPA 006	53.186	Newmark 1	0.145	TCE+PCE-In	0.5
EPA 007	179.587	Newmark 4	0.246	TCE+PCE-In	0.5
NM3	118.740	West Tower Total	0.391	AF	
		Newmark 2	0.000	TCE+PCE-In	0.0
		East Tower Total	0.000	AF	
Total	351.513 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	34.038	89.683	1B	0.000	528.430
2A	42.219	132.866	2B	0.000	506.262
3A	41.742	116.933	3B	0.000	385.655
4A	45.568	131.943	4B	0.000	483.411
5A	46.125	127.215	5B	0.000	479.463
6A	46.347	129.818	6B	0.000	537.707
7A	51.318	121.956	7B	0.000	529.313
Totals	307.357 AF	850.414 AF		0.000 AF	3450.241 AF
Vessels			Towers		
TCE-In	0.5		#'s Removed Newmark 1	0.00	
TCE-Out	0.0		#'s Removed Newmark 4	0.00	
PCE-In	2.8		#'s Removed Newmark 2	0.00	
PCE-Out	0.0				
Total	3.3 ug/L	lbs Removed 2.76	Total pounds Removed Tower	0.00	

19th Street South Plant					
Production GAC Wells					
19th St 1	131.024				
19th St 2	0.266	AF			
Mt Vernon	0.021				
Total	131.311	AF			
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	31.586	625.129	1B	0.000	0.000
2A	38.893	662.759	2B	0.000	0.000
3A	37.504	701.061	3B	0.000	0.000
4A	38.076	658.091	4B	0.000	0.000
Totals	146.059	AF	2647.040	AF	0.000
Vessels					
TCE-In	0.5				
TCE-Out	0.0				
PCE-In	3.4				
PCE-Out	0.0				
Total	3.9	ug/L	lbs Removed	1.55	

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

Reporting Period: Nov 2005

EPA 19th Street North Plant

Production GAC Wells

EPA 001	192.507 AF
EPA 108	160.335 AF
EPA 109	168.735 AF
EPA 110	292.073 AF
EPA 111	257.013 AF
EPA 112	169.098 AF

Totals 1239.761 AF

GAC Treatment

Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	90.893	678.009	1B	0.000	0.000
2A	103.657	655.467	2B	0.000	0.000
3A	104.318	798.343	3B	0.000	0.000
4A	102.833	731.732	4B	0.000	0.000
5A	112.663	815.692	5B	0.000	0.000
6A	110.765	1052.030	6B	0.000	0.000
7A	0.000	0.000	7B	0.000	0.000
8A	81.660	665.359	8B	0.000	0.000
9A	106.820	720.057	9B	0.000	0.000
10A	106.673	670.403	10B	0.000	0.000
11A	98.925	772.151	11B	0.000	0.000
12A	111.717	846.048	12B	0.000	0.000
13A	102.987	782.411	13B	0.000	0.000
14A	0.000	0.000	14B	0.000	0.000
Totals	1233.911 AF	9187.702 AF		0.000 AF	0.000 AF

Vessels

TCE-In	1.0
TCE-Out	0.0
PCE-In	4.8
PCE-Out	0.0

Total 5.8 ug/L lbs Removed 19.45

Summary

Monthly	Year to Date
Total AF Treated GAC 2493.721	Total AF Treated GAC 24139.821
Total AF Treated Towers 20.343	Total AF Treated Towers 5782.538
Combined AF Treated 2514.064	Combined AF Treated 29922.359
Total lbs Removed GAC 31.2	Total lbs Removed GAC 310.4
Total lbs Removed Towers 0.3	Total lbs Removed Towers 70.4
Combined Pounds Removed 31.5	Combined Pounds Removed 380.8

San Bernardino Municipal Water Department Water Quality Monthly Report
Newmark OU/Towers/19th St GAC/Muscoy OU
Month of November 2005

DEC 19 2005

Waterman GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	Week 1 - 11/03/05		Week 2 - 11/10/05		Week 3 - 11/16/05		Week 4 - 11/22/05		Week 5 - 11/29/05		NO ₃ (mg/L)
						PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	
EPA 002	11/16/2005	A			<1.0											
EPA 004	11/16/2005	A			1.0											
EPA 005	11/16/2005	A			<1.0											
Combined Influent	11/16/2005									2.2	0.6					
LEAD VESSEL 1A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	1.9	1.1	NM	NM	NM	NM	
LEAD VESSEL 2A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	1.1	0.9	NM	NM	NM	NM	
LEAD VESSEL 3A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	1.8	1.1	NM	NM	NM	NM	
LEAD VESSEL 4A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	2.4	1.1	NM	NM	NM	NM	
LEAD VESSEL 5A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	2.1	1.1	NM	NM	NM	NM	
LEAD VESSEL 6A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	3.0	1.5	NM	NM	NM	NM	
LEAD VESSEL 7A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	2.8	1.2	NM	NM	NM	NM	
LEAD VESSEL 8A	11/16/2005		<1.1	<1.1	3.5	NM	NM	NM	NM	2.6	1.2	NM	NM	NM	NM	
Combined Effluent	11/16/2005		<1.1	<1.1	49.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

Newmark GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	Week 1 - 11/03/05		Week 2 - 11/10/05		Week 3 - 11/16/05		Week 4 - 11/22/05		Week 5		NO ₃ (mg/L)
						PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	
EPA 006	11/16/2005	A			1.0											
EPA 007	11/16/2005	A			2.5											
Newmark Well 03	11/16/2005	A			4.0											
Combined Influent	11/16/2005									3.2	<0.5					
LEAD VESSEL 1A	11/16/2005		<1.1	<1.1	20.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 2A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 3A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 4A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 5A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 6A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
LEAD VESSEL 7A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM	
Combined Effluent	11/16/2005		<1.1	<1.1	180.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

17th Street GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	Week 1 - 11/03/05		Week 2 - 11/10/05		Week 3 - 11/16/05		Week 4 - 11/22/05		Week 5		NO ₃ (mg/L)
						PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	
EPA 003	11/16/2005	A			2.0											
Combined Influent	11/16/2005									3.9	0.9					
LEAD VESSEL 1B	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	0.7	NM	NM	NM	NM	
LEAD VESSEL 2B	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	0.6	0.9	NM	NM	NM	NM	
LEAD VESSEL 3B	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	1.1	0.8	NM	NM	NM	NM	
Combined Effluent	11/16/2005		<1.1	<1.1	440.0	0.6	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

19th Street SOUTH GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	Week 1 - 11/03/05		Week 2 - 11/10/05		Week 3 - 11/16/05		Week 4 - 11/22/05		Week 5		NO ₃ (mg/L)
						PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	
19th Street Well 01	11/16/2005	A			1.0											
19th Street Well 02	11/16/2005	A			1.0											
Combined Influent	11/16/2005									3.5	<0.5					
LEAD VESSEL 1A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	2.6	<0.5	NM	NM	NM	NM	
LEAD VESSEL 2A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	3.0	0.7	NM	NM	NM	NM	
LEAD VESSEL 3A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	3.3	0.7	NM	NM	NM	NM	
LEAD VESSEL 4A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	3.4	0.8	NM	NM	NM	NM	
Combined Effluent	11/16/2005		<1.1	<1.1	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM	

San Bernardino Municipal Water Department Water Quality Monthly Report
Newmark OU/Towers/19th St GAC/Muscoy OU
Month of November 2005

DEC 19 2005

19th Street NORTH GAC Treatment Plant	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	Week 1 - 11/03/05		Week 2 - 11/10/05		Week 3 - 11/16/05		Week 4 - 11/22/05		CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT	
						PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	PCE (ug/L)	TCE (ug/L)	(ug/L)	(mg/L)
EPA 001	11/16/2005	A			2.0										
EPA 108	11/16/2005	A			3.0										
EPA 109	11/16/2005	A			8.5										
EPA 110	11/16/2005	A			1.0										
EPA 111	11/16/2005	A			1.0										
EPA 112	11/16/2005	A			5.5										
Combined Influent	11/16/2005									4.5	1.0				
LEAD VESSEL 1A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 2A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 3A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 4A	11/16/2005		<1.1	<1.1	2.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 5A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 6A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 8A	11/16/2005		<1.1	<1.1	3.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 9A	11/16/2005		<1.1	<1.1	2.5	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 10A	11/16/2005		<1.1	<1.1	1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 11A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 12A	11/16/2005		<1.1	<1.1	<1.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
LEAD VESSEL 13A	11/16/2005		<1.1	<1.1	2.0	NM	NM	NM	NM	<0.5	<0.5	NM	NM	NM	NM
Combined Effluent	11/16/2005		<1.1	<1.1	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NM	NM

Waterman Stripping Towers	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE	TCE	TB	FB
Waterman Combined Tower Influent	11/8/2005					5.1	0.8	<0.5	<0.5
Waterman N. Tower Effluent	11/8/2005	A			<1.0	<0.5	<0.5	<0.5	<0.5
Waterman S. Tower Effluent	11/8/2005	A			<1.0	<0.5	<0.5	<0.5	<0.5

Newmark Stripping Towers	DATE	Colilert P/A	MPN Total	MPN Fecal	HPC	PCE	TCE	TB	FB
Newmark W. Tower Influent	11/8/2005					<0.5	<0.5	<0.5	<0.5
Newmark W. Tower Effluent	11/8/2005	A			<1.0	<0.5	<0.5	<0.5	<0.5
Newmark E. Tower Influent	11/8/2005					NM	NM	NM	NM
Newmark E. Tower Effluent	11/8/2005	A			<1.0	NM	NM	NM	NM

NOTE: If any VOC contaminant is detected in the Towers' Effluent Samples, the laboratory report(s) will be attached for DHS review.

NM = Not Monitored



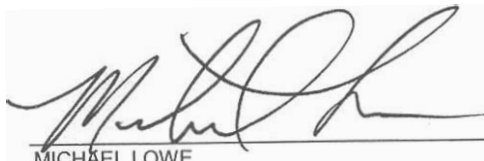
**EPA
PRODUCTION WELL RUN TIME
Nov-05**

RECEIVED
W.U. ADMINISTRATION
DEC 13 2005

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

November Total 720 Hours
Revised 12/12/05

Well	Total Run Hours
EPA 001	692
EPA 002	720
EPA 003	706
EPA 004	720
EPA 005	720
EPA 006	346
EPA 007	702
EPA 108	692
EPA 109	693
EPA 110	707
EPA 111	405
EPA 112	706
NEWMARK 3	710



MICHAEL LOWE
Water Utility
Operations Superintendent

cc: Bill Bryden
Matt Litchfield
dbane@URSGREINER.com